



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/779,365	
			Filing Date	February 13, 2004	
			First Named Inventor	Timothy D. Flynn, et al.	
			Art Unit	Not Yet Assigned 2129	
			Examiner Name	Not Yet Assigned J. Hinc	
Sheet	1	of	2	Attorney Docket Number	BFM-02501

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JH		US-6,466,888 B1	Oct. 15, 2002	Kelly McCool, et al.	
↓		US-5,751,609	May 12, 1998	Carl G. Schaefer, Jr., et al.	
		US-5,901,272	May 4, 1999	Carl G. Schaefer, Jr., et al.	
		US-5,890,101	Mar. 30, 1999	Carl G. Schaefer, Jr., et al.	
		US-5,987,397	Nov. 16, 1999	Kelly McCool, et al.	
↓		US-6,473,746 B1	Oct. 29, 2002	Radoslaw Romuald Zakrzewski	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
JH	AA	Flight State Recognition with Neural Networks – A Step to an Overall Usage Monitoring System by E. BRAND and B. KRUMME, Eurocopter Deutschland GMBH, Munchen, Germany		<input type="checkbox"/>
	AB	Virtual Sensors – A Real-Time Neural Network-Based Intelligent Performance and Emissions Prediction System for On-Board Diagnostics and Engine Control by Chris ATKINSON and Mike TRAVER, West Virginia University and Theresa LONG and Emil HANZEVACK, NeuroDyne, Inc.		<input type="checkbox"/>
	AC	Helicopter Gross Weight Determination from Monitored Parameters by John G. MOFFATT, prepared for Aviation Applied Technology Directorate, U.S. Army Aviation and Troop Command, Fort Eustis, VA, March 1996.		<input type="checkbox"/>
	AD	MH-47E Structural Usage Monitoring System (SUMS) Fleet Demonstration Results by Eric ROBESON, presented at the American Helicopter Society 56 th Annual Forum, Virginia Beach, VA, May 2-4, 2000.		<input type="checkbox"/>
	AE	The IMD HUMS as a Tool for Rotorcraft Health Management and Diagnostics by Robert HESS, Alan DUKE and David KOGUT, BFGoodrich Aerospace Fuel and Utility Systems, Vergennes, VT, © 2001 IEEE.		<input type="checkbox"/>
	AF	Voronoi Diagrams – A Survey of a Fundamental Geometric Data Structure by Franz AURENHAMMER, ACM Computing Surveys, Vol. 23, No. 3, September 1991.		<input type="checkbox"/>
	AG	Neural Network Development Foundations for Low Airspeed Prediction by Miguel A. MORALES, Computer Sciences Corporation, © 1999 IEEE.		<input type="checkbox"/>
	AH	Feasibility of Aircraft Gross Weight Estimation Using Artificial Neural Networks by Miguel A. MORALES and David J. HAAS, presented at the American Helicopter Society 57 th Annual Forum, Washington, DC, May 9-11, 2001.		<input type="checkbox"/>
	AI	Adaptive Filter Theory, Simon Haykin, Prentice Hall Information and System Sciences Series, 2 nd Edition, "Maximum-Likelihood Estimation", pages 791-794.		<input type="checkbox"/>
↓	AJ	Applied Optimal Estimation, Arthur Gelb, MIT Press, 1974, "Optimal Linear Filtering", pages 106-111.		<input type="checkbox"/>

Examiner Signature	/Joseph Hirl/ (07/06/2006)	Date Considered	
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